



PTO/SB/08A (08-03)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/784,309
				Filing Date	February 20, 2004
				First Named Inventor	James Turkson
				Art Unit	1614
				Examiner Name	
Sheet	1	of	6	Attorney Docket Number	USF-T194XC1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<del>TS</del>	U1	US-4,179,337	12/18/1979	Davis et al.	All
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup>	Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
<del>TS</del>	F1		WO 98/12201 A1	03/26/1998	The University Court of the University of St. Andrews	All
<del>TS</del>	F2		WO 00/44774 A2	08/03/2000	The University of South Florida	All
	F3					
	F4					
	F5					
	F6					
	F7					

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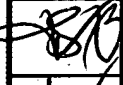











(use as many sheets as necessary)

**Complete if Known**

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Attorney Docket Number	USF-T194XC1

Sheet	2	of	6
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**NON PATENT LITERATURE DOCUMENTS**

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	R1	AKIRA, S. "Roles of STAT3 defined by tissue-specific gene targeting" <i>Oncogene</i> , 2000, pp. 2607-2611, Vol. 19.	
	R2	BECKER, S. <i>et al.</i> "Three-dimensional structure of the Stat3 $\beta$ homodimer bound to DNA" <i>Nature</i> , July 9, 1998, pp. 145-151, Vol. 394.	
	R3	BERG, T. <i>et al.</i> "Small-molecule antagonists of Myc/Max dimerization inhibit Myc-induced transformation of chicken embryo fibroblasts" <i>PNAS</i> , March 19, 2002, pp. 3830-3835, Vol. 99, No. 6.	
	R4	BOWMAN, T. <i>et al.</i> "STATs in oncogenesis" <i>Oncogene</i> , 2000, pp. 2474-2488, Vol. 19.	
	R5	BOWMAN, T. <i>et al.</i> "Stat3-mediated Myc expression is required for Src transformation and PDGF-induced mitogenesis" <i>PNAS</i> , June 19, 2001, pp. 7319-7324, Vol. 98, No. 13.	
	R6	BROMBERG, J. <i>et al.</i> "Stat3 Activation Is Required for Cellular Transformation by v-src" <i>Molecular and Cellular Biology</i> , May 1998, pp. 2553-2558, Vol. 18, No. 5.	
	R7	BROMBERG, J. <i>et al.</i> "The role of STATs in transcriptional control and their impact on cellular function" <i>Oncogene</i> , 2000, pp. 2468-2473, Vol. 19.	
	R8	BUETTNER, R. <i>et al.</i> "Activated STAT Signaling in Human Tumors Provides Novel Molecular Targets for Therapeutic Intervention" <i>Clinical Cancer Research</i> , April 2002, pp. 945-954, Vol. 8.	
	R9	CATLETT-FALCONE, R. <i>et al.</i> "STAT proteins as novel targets for cancer therapy" <i>Current Opinion in Oncology</i> , 1999, pp. 490-496, Vol. 11.	
	R10	CATLETT-FALCONE, R. <i>et al.</i> "Constitutive Activation of Stat3 Signaling Confers Resistance to Apoptosis in Human U266 Myeloma Cells" <i>Immunity</i> , January 1999, pp. 105-115, Vol. 10.	
	R11	CHEN, X. <i>et al.</i> "Crystal Structure of a Tyrosine Phosphorylated STAT-1 Dimer Bound to DNA" <i>Cell</i> , May 29, 1998, pp. 827-839, Vol. 93.	
	R12	DARNELL, J. E., Jr. "STATs and Gene Regulation" <i>Science</i> , September 12, 1997, pp. 1630-1635, Vol. 277.	

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		Group Art Unit	1614
		Examiner Name	
Sheet 3 of 6		Attorney Docket Number	USF-T194XC1

NON PATENT LITERATURE DOCUMENTS			
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	R13	DARNELL, J. E., Jr. "Transcription Factors As Targets For Cancer Therapy" <i>Nat. Rev. Cancer</i> , October 2002, pp. 740-749, Vol. 2.	
	R14	EPLING-BURNETTE, P. K. et al. "Inhibition of STAT3 signaling leads to apoptosis of leukemic large granular lymphocytes and decreased Mcl-1 expression" <i>The Journal of Clinical Investigation</i> , February 2001, pp. 351-361, Vol. 107, No. 3.	
	R15	FRANK, D. A. "STAT Signaling in the Pathogenesis and Treatment of Cancer" <i>Molecular Medicine</i> , 1999, pp. 432-456, Vol. 5.	
	R16	GARCIA, R. et al. "Constitutive Activation of Stat3 in Fibroblasts Transformed by Diverse Oncoproteins and in Breast Carcinoma Cells" <i>Cell Growth &amp; Differentiation</i> , December 1997, pp. 1267-1276, Vol. 8.	
	R17	GARCIA, R. et al. "Activation of STAT Transcription Factors in Oncogenic Tyrosine Kinase Signaling" <i>Journal of Biomedical Science</i> , 1998, pp. 79-85, Vol. 5.	
	R18	GARCIA, R. et al. "Constitutive activation of Stat3 by the Src and JAK tyrosine kinases participates in growth regulation of human breast carcinoma cells" <i>Oncogene</i> , 2001, pp. 2499-2513, Vol. 20.	
	R19	GIBSON, B. W. et al. "Liquid Secondary Ionization Mass Spectrometric Characterization of Two Synthetic Phosphotyrosine-Containing Peptides" <i>J. Am. Chem. Soc.</i> , 1987, pp. 5343-5348, Vol. 109.	
	R20	GOUILLEUX, F. et al. "Prolactin and Interleukin-2 Receptors in T Lymphocytes Signal through a MGF-STAT5-Like Transcription Factor" <i>Endocrinology</i> , 1995, pp. 5700-5708, Vol. 136, No. 12.	
	R21	GRANDIS, J. R. et al. "Constitutive activation of Stat3 signaling abrogates apoptosis in squamous cell carcinogenesis in vivo" <i>PNAS</i> , April 11, 2000, pp. 4227-4232, Vol. 97, No. 8.	
	R22	HIRANO, T. et al. "Roles of STAT3 in mediating the cell growth, differentiation and survival signals relayed through the IL-6 family of cytokine receptors" <i>Oncogene</i> , 2000, pp. 2548-2556, Vol. 19.	
	R23	HORVATH, C. M. "STAT proteins and transcriptional responses to extracellular signals" <i>TIBS</i> , October 2000, pp. 496-502, Vol. 25.	
	R24	JOHNSON, P. J. et al. "Overexpressed pp60 <sup>c-src</sup> Can Induce Focus Formation Without Complete Transformation of NIH 3T3 Cells" <i>Molecular and Cellular Biology</i> , May 1985, pp. 1073-1083, Vol. 5, No. 5.	

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	R25	JONES, G. <i>et al.</i> "Development and Validation of a Genetic Algorithm for Flexible Docking" <i>J. Mol. Biol.</i> , 1997, pp. 727-748, Vol. 267.		
	R26	KITAS, E. A. <i>et al.</i> "Synthesis of O-Phosphotyrosine-Containing Peptides. 3. Synthesis of H-Pro-Try(P)-Val-OH via Dimethyl Phosphate Protection and the Use of Improved Deprotection Procedures" <i>J. Org. Chem.</i> , 1990, pp. 4181-4187, Vol. 55.		
	R27	KOTENKO, S. V. <i>et al.</i> "Jak-Stat signal transduction pathway through the eyes of cytokine class II receptor complexes" <i>Oncogene</i> , 2000, pp. 2557-2565, Vol. 19.		
	R28	LIN, T. S. <i>et al.</i> "STAT signaling in the pathogenesis and treatment of leukemias" <i>Oncogene</i> , 2000, pp. 2496-2504, Vol. 19.		
	R29	LIN, J. <i>et al.</i> "The role of Stat5a and Stat5b in signaling by IL-2 family cytokines" <i>Oncogene</i> , 2000, pp. 2566-2576, Vol. 19.		
	R30	MERRIFIELD R. B. "Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide" <i>Am. Chem. Soc.</i> , July 20, 1963, pp. 2149-2152, Vol. 85.		
	R31	ROJAS, M. <i>et al.</i> "Genetic engineering of proteins with cell membrane permeability" <i>Nature Biotechnology</i> , April 1998, pp. 370-375, Vol. 16.		
	R32	SASSE, J. <i>et al.</i> "Mutational Analysis of Acute-Phase Response Factor/Stat3 Activation and Dimerization" <i>Molecular and Cellular Biology</i> , August 1997, pp. 4677-4686, Vol. 17, No. 8.		
	R33	SCHINDLER, C. <i>et al.</i> "Transcriptional Responses to Polypeptide Ligands: The JAK-STAT Pathway" <i>Annu. Rev. Biochem.</i> , 1995, pp. 621-651, Vol. 64.		
	R34	SEIDEL, H. M. <i>et al.</i> "Spacing of palindromic half sites as a determinant of selective-STAT (signal transducers and activators of transcription) DNA binding and transcriptional activity" <i>Proc. Natl. Acad. Sci. USA</i> , March 2, 1995, pp. 3041-3045, Vol. 92.		
	R35	SEIDEL, H. M. <i>et al.</i> "Pharmaceutical intervention in the JAK/STAT signaling pathway" <i>Oncogene</i> , 2000, pp. 2645-2656, Vol. 19.		
	R36	SHUAI, K. <i>et al.</i> "A Single Phosphotyrosine Residue of Stat91 Required for Gene Activation by Interferon-γ" <i>Science</i> , September 24, 1993, pp. 1744-1746, Vol. 261.		

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	R37	SHUAI, K. et al. "Interferon Activation of the Transcription Factor Stat91 Involves Dimerization through SH2-Phosphotyrosyl Peptide Interactions" <i>Cell</i> , March 11, 1994, pp. 821-828, Vol. 76.	
	R38	SMITHGALL, T. E. et al. "Control of myeloid differentiation and survival by Stats" <i>Oncogene</i> , 2000, pp. 2612-2618, Vol. 19.	
	R39	SONG, J. I. et al. "STAT signaling in head and neck cancer" <i>Oncogene</i> , 2000, pp. 2489-2495, Vol. 19.	
	R40	SONG, L. et al. "Activation of Stat3 by receptor tyrosine kinases and cytokines regulates survival in human non-small cell carcinoma cells" <i>Oncogene</i> , 2003, pp. 4150-4165, Vol. 22.	
	R41	STARK, G. R. et al. "How Cells Respond to Interferons" <i>Annu. Rev. Biochem.</i> , 1998, pp. 227-264, Vol. 67.	
	R42	TURKSON, J. et al. "Stat3 Activation by Src Induces Specific Gene Regulation and Is Required for Cell Transformation" <i>Molecular and Cellular Biology</i> , May 1998, pp. 2545-2552, Vol. 18, No. 5.	
	R43	TURKSON, J. et al. "Requirement for Ras/Rac1-Mediated p38 and c-Jun N-Terminal Kinase Signaling in Stat3 Transcriptional Activity Induced by the Src Oncoprotein" <i>Molecular and Cellular Biology</i> , November 1999, pp. 7519-7528, Vol. 19, No. 11.	
	R44	TURKSON, J. et al. "STAT proteins: novel molecular targets for cancer drug discovery" <i>Oncogene</i> , 2000, pp. 6613-6626, Vol. 19.	
	R45	TURKSON, J. et al. "Phosphotyrosyl Peptides Block Stat3-mediated DNA Binding Activity, Gene Regulation, and Cell Transformation" <i>The Journal of Biological Chemistry</i> , November 30, 2001, pp. 45443-45455, Vol. 276, No. 48.	
	R46	WAGNER, B. et al. "The SIF binding element confers sis/PDGF inducibility onto the c-fos promoter" <i>The EMBO Journal</i> , 1990, pp. 4477-4484, Vol. 9, No. 13.	
	R47	YAMAUCHI, K. et al. "Phosphatidylinositol 3-Kinase Functions Upstream of Ras and Raf in Mediating Insulin Stimulation of c-fos Transcription" <i>The Journal of Biological Chemistry</i> , July 15, 1993, pp. 14597-14600, Vol. 268, No. 20.	
	R48	YU, C. et al. "Enhanced DNA-Binding Activity of a Stat3-Related Protein in Cells Transformed by the Src Oncoprotein" <i>Science</i> , July 7, 1995, pp. 81-83, Vol. 269.	

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<i>[Signature]</i>	R49	ZHANG, Y. et al. "Activation of Stat3 in v-Src-transformed Fibroblasts Requires Cooperation of Jak1 Kinase Activity" <i>The Journal of Biological Chemistry</i> , August 11, 2000, pp. 24935-24944, Vol. 275, No. 32.	
	R50	POSTERNAK, T. et al. "De la protection contre l'hydrolyse enzymatique exercee par les groupes phosphoryles II." <i>Helv. Chim. Acta.</i> , 1945, pp. 1258-1270, Vol. 28.	
	R51		
	R52		
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